



Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12



Vol. 2 — No. 10.

OAK RIDGE, TENNESSEE

Tuesday, March 9, 1948

Plant Absentee Record Of 2.4 Scored In Y-12

The number of departments in Y-12 reporting perfect attendance records soared from three for the week ending February 22 to seven for the week ending February 29 with the result that the absentee mark for the entire plant dropped to only 2.4 per cent. This is .3 per cent of the record low absentee mark of 2.1 set for the week ending last July 5, shortly after the present two department system of attendance scoring was established.

Five Are Newcomers

All of the seven departments scoring perfect attendance marks for the week ending February 29 were in the minor league, composed of groups with from 15 to 49 employees. Two of the departments with perfect marks for the previous week repeated while the other five were newcomers.

The two repeating departments were Dept. A12L, Employment; and Dept. M13P, Product Process. They were joined in the perfect attendance bracket by Dept. A12J, Industrial Services, rising from eighth place; Dept. A15N, Experimental Process Equipment Repair and Maintenance, rising from second; Dept. A12D, Dispensary, rising from third; Dept. A12N, General Maintenance Office, Planning and Estimating, rising from fourth; and Dept. M12S, Steam Plant, rising from sixth.

Holding second place in the minor league was Dept. A12R, Cafeteria and Canteen, which was in a tie for first place for the week ending February 22. Dept. A12R had an absentee mark of .9 per cent. In third place with an absentee mark of 2.4 per cent was Dept. A13S, Tool, which advanced from fifth place the preceding week. Dept. A13N Rises To Top

In the major league, composed of departments with more than 50 employees, Dept. A13N, General Utilities and Standby, in second place for the week ending February 22, rose to the top with an absentee mark of .8 per cent. In second place was Dept. H12D with an absentee mark of an even one percent. This group was in 15th place the previous week. The fire-

(Continued on Page 2)

Carbide Wives Meet March 17

A St. Patrick's theme will be carried out at the March meeting of the Carbide Wives, set for 7:30 p.m., Wednesday, March 17, at the East Lounge of the Ridge Recreation Hall. Hostesses for the affair will be Mesdames Ralph Nicol, who will serve as chairman, R. S. Jordan, W. B. Mayer, Joseph Arnold, Charles Clifford and Gerald Dixon.

TRAIN MAY VISIT RIDGE

A visit to Oak Ridge some time in September may be made by the Freedom Train with its cargo of precious historical documents, officials of the Louisville and Nashville Railroad have indicated. The Freedom Train is expected to make a stop here either en route to or from Knoxville.

NEW SIGNS ERECTED

Oak Ridge is having new street and directional signs erected by the Atomic Energy Commission. The new signs have been placed at the Oliver Springs, Elza and Gallaher entrances and more will be erected in the near future.



BUSY IN THE THRIFT SHOP OPERATED BY THE OAK RIDGE JAYCETTES are a group of Y-12 wives shown above. At left, Mrs. G. C. Henderson, Mrs. Fred Hurst, Mrs. L. M. Cook and Mrs. Homer Hunter are sorting a new batch of used clothing received by the shop. At right, they are checking on garments ready for sale to low income families of Oak Ridge.



Y-12 Photos By Vince Moore

All Employees Aid In Security Program

All employees in Y-12 participate in the protection of the United States by doing their part in maintaining constant vigilance on all security measures concerning atomic energy secrets.

Within three months after the atomic bombs were dropped on Hiroshima and Nagasaki, a series of measures were introduced in the United States Senate to meet the unprecedented problems created by this revolutionary development. Some of the measures sought to establish permanent domestic machinery for the control of atomic energy; some to meet the international problems; others provided simply for studies of the issues involved.

Committee Makes Studies

Special studies were made by the Senate Committee on Atomic Energy which involved hearing qualified witnesses representing the public, industry, education and science. In addition, military officials also were heard at the hearings.

Out of two exhaustive studies by the Senate Committee on Atomic Energy came the Atomic Energy Act of 1946. The Senate, recognizing the tremendous importance of the nation's safety, provided for a strong security program backed up by penalties considerably more severe than those of the Espionage Act.

The Atomic Energy Commission was charged with the responsibility for safeguarding information on atomic energy in such a way as to provide also for its proper dissemination. Toward this purpose of "assuring the common defense and security" all security regulations are aimed.

Cooperation Is Vital Ingredient

The vital ingredient which makes the security program work is the cooperation of each individual who has information which must be kept. Information which must be safeguarded is graded according to its importance into four classifications. These classifications, in order of their importance, are TOP SECRET, SECRET, CONFIDENTIAL and RESTRICTED. Information in these categories is termed "Classified Matter." Strict regulations are in force for the purpose of properly reproducing, storing, transmitting, safeguarding, disseminating and destroying such information.

While the official announcement of the existence and purpose of the Atomic Energy Commission

(Continued on Page 3)

Wives Of Several Y-12 Employees Active In Jaycette Thrift Shop

One of the latest and most active civic undertakings in Oak Ridge is the Jaycette Thrift Club, a project of the busy women's auxiliary of the Oak Ridge Junior Chamber of Commerce.

The Thrift Club's function is to serve as a redistribution point for used and usable clothing accepted as donations by the Jaycettes from the public, reconditioned when necessary and then sold at extremely low prices as a community service to assist low income families of the city.

Not Charitable Service

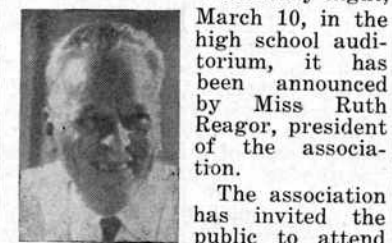
Jaycette members stress the point that the Thrift Shop is not a charitable service. Rather, they say, it enables low income families to obtain serviceable clothing of all kinds, for men, women and children, at prices they can afford to pay. The Thrift Shop, they point out, can in no way be considered in competition with dealers in new clothing, even in the cheaper class, as the Jaycettes operate the project on the theory that their prospective customers would rather be able to pay a small sum for serviceable merchandise when it is possible for them to do so than to be placed on an indigent basis.

A number of wives of Y-12 employees have been active in operation of the Thrift Shop, which is located in the North Wing of the Dental Health Building on Tennyson Road. This group of women includes Mrs. Ward E. Foster, Mrs. Fes C. Lowry, Mrs. Fred Hurst, Mrs. Clifford Henderson, Mrs. Lester M. Cook and Mrs. Fred Hunter.

Workers Are Kept Busy

Nearly 100 per cent of the Jaycette membership is participating in the operation of the Thrift Shop, according to Mrs. James C. Barton, general chairman of the project. They are kept busy serving on a pick-up committee that

(Continued on Page 3)



Sumner T. Pike is reputed to be a most interesting speaker, a capacity audience is expected. There is no admission charge.

On accepting the invitation to speak here, Commissioner Pike asked the association to suggest a topic that would be of interest to an Oak Ridge audience. The association responded with several proposals, including one covering what teachers might do to prepare youth for an atomic age. As a result, the commissioner's address is expected to encompass a varied field.

Commissioner Pike is 56 years old and a retired Maine business man. He was born and raised in Lubec, Me., the easternmost town in the United States. Before being appointed to the Atomic Energy Commission Commissioner Pike served on the Temporary National Economic Commission and the Security and Exchange Commission.

PRIVATE TRAILERS TO GO

All of the approximately 50 privately-owned trailers in the Gamble Valley area must be removed not later than September 1, the Roane-Anderson Co. has notified occupants. Persons still desiring to reside in trailers after that date must obtain parking space outside Oak Ridge.

Progress Made In Red Cross Drive In Y-12

The 1948 Oak Ridge American Red Cross drive was launched in Y-12 last Monday and at press time of The Y12 Bulletin last week campaign workers reported substantial progress being made. However, no definite reports on results were expected until after the payday of last Friday.

Several 'Over-The-Top'

During the early stages of the drive several smaller Y-12 departments reported themselves "over-the-top" with 100 per cent participation in the campaign. As the campaign enters its second week today, more and more 100 per cent departments are expected to be added to the list.

The Y-12 campaign is being conducted under direction of Howard P. Doyle with a plant committee handling details of the solicitation. This plant committee is composed of Kay Orton and Helen Matthews, Manufacturing Offices; Howard Harmon, Refining and Engineering; Larry Parsons, Research and Development; Nelson Tibbatts, Maintenance; W. S. Herron, Chemical; and Pat Ridge, Industrial Relations, Wage Standards and Superintendents.

Early Card Return Asked

The plant committee has distributed pledge cards to every employee in Y-12 and, with the passage of the pay day last Friday, have requested return of the cards as soon as possible so that progress of the drive can be recorded.

A goal of \$19,860 has been set by the Oak Ridge Chapter of the American Red Cross for the 1948 campaign. Of this amount, 90 per cent will remain in Oak Ridge to finance the program of the local chapter with the remaining 10 per cent going to national headquarters.

George W. Flack, of K-25, is general chairman of the 1948 Red Cross campaign in Oak Ridge and has urged every member of the community to generously support the program of the chapter by contributing to the fund.

Company Receives Five Suggestions

Suggestions submitted by five employees were accorded recognition by the Company last week. The employees, their department and suggestion numbers are R. P. Ward, A12J, 61586; C. W. Kidd, A14N, 61862; C. P. McLemore, A16N, 61786; F. H. Alvis, A13T, 61886; J. T. Carriker, A16N, 60232.

Carbide Camera Club To Hear Print Lecture; Hold Contest

A lecture on print analysis and a color slide competition will compose the program for the March meeting of the Carbide Camera Club at 7:30 o'clock tonight in the club headquarters in the Y-12 East Portal building.

The print analysis lecture will be provided by the Eastman Kodak Co. and read by a Camera Club member. Several prints will be used to illustrate salient points in the lecture and the Camera Club members are expected to acquire many helpful pointers on composition and print quality, according

to Foster F. Calloway, of Y-12, president of the club.

The color slide competition subject will be adult persons and will be open to all members of the club. The number of entries per person is limited to four.

Membership in the Carbide Camera Club at present is open to all employees in the Y-12 and K-25 plants of Carbide and Carbon Chemicals Corp. and dues are \$1 each six months, payable January 1 and July 1. Guests are cordially invited to the club meetings, held on the second Tuesday of each month.

Y-12 Bulletin

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Three Candidates Nominated For V.F.W. Commander's Post

Three candidates, Carl Swickerath, Raymond M. Angevine and Roy C. Smith, were nominated for commander of the Raymond C. Mason Post No. 6351, Veterans of Foreign Wars, at a membership meeting last Tuesday night, and will be voted on March 16 when the post will hold its annual election. Swickerath is with the Atomic Energy Commission, Angevine is an employee of K-25, and Smith works for Roane-Anderson.

Nominations for other offices were, for senior vice commander, A. G. Anderson, Roy C. Smith and G. P. McLain; for junior vice commander, James D. Babb and G. J. February; for quartermaster, Charles Ryan, J. D. Snowden and John Bryant; for judge advocate, Marc Sims; for trustee, Ben Clary, Ted Robbins and L. B. Wright; for chaplain, Robert Bledsoe; and for surgeon, T. N. Redwood and K. O. Abernathy. Present Commander Kenneth C. Fahey, and Senior Vice Commander W. O. Elam, a captain in the Y-12 Fire Department, both declined to run for a 1948 office.

Preceding nominations the membership voted to sponsor an Oak Ridge Boy Scout troop.

Plant Absentee Mark Of 2.4 Per Cent Is Scored In Y-12

(Continued from Page 1)

men of Dept. A14J dropped to third place when 1.35 per cent of its personnel was absent. This department was in first place the previous week.

The plant absentee record by departments follows:

MAJOR LEAGUE More than 50 Employees			
Dept.	Percentage Absent	2-29-48	2-22-48
A13N	0.8	1	2
H12D	1.0	2	15
A14J	1.35	3	1
A17N	1.41	4	8
A16N	1.57	5	7
B12H	1.64	6	4
A12M	2.0	7	10
A12W	2.2	8	16
B13L	2.3	9	17
A12G	2.4	10	11
H12E	2.5	11	6
H12L	2.7	12	14
A14N	2.8	13	13
M12P	2.9	14	12
A12S	3.2	15	3
B12C	3.5	16	9
B12L	4.3	17	5

Group absentee percentage was 2.2 per cent, .4 per cent lower than the preceding week.

MINOR LEAGUE 15-49 Employees			
Dept.	Percentage Absent	2-29-48	2-22-48
A12J	0.0	1	8
A12L	0.0	1	1
M13P	0.0	1	1
A15N	0.0	1	2
A12D	0.0	1	3
A12N	0.0	1	4
M12S	0.0	1	6
A12R	0.9	2	1
A13S	2.4	3	5
A13T	3.4	4	7
B12A	4.8	5	9
A12T	5.3	6	10
A19N	6.8	7	13
A12A	7.7	8	12
B13C	7.8	9	11

Group absentee percentage was 2.6 per cent, 1.1 per cent lower than the preceding week.

The plant average for the week ending February 29, 1948, was 2.4 per cent, .4 per cent lower than the preceding week.

BAKED BEAN SALAD

Combine one (18 ounce) can of baked beans, one cup chopped celery, one half cup chopped green pepper, one-quarter cup chopped pickles, one-half teaspoon of salt and one-half tablespoon of mayonnaise. Place mixture in a casserole or salad bowl lined with lettuce and garnish with wedges of tomatoes. Serves four.

Ideas won't work unless you do.



Miss Betty Anne Cole

COLE - LUFKIN

Mr. and Mrs. Henry Clay Cole have announced the engagement of their daughter, Miss Betty Anne Cole, of Dept. B12L, to Paul Marshall Lufkin, former Y-12 employee, son of Dr. and Mrs. Harold Marshall Lufkin, Philadelphia, Penn.

Miss Cole was graduated from Union University, Jackson, Tenn., receiving a BS degree in Chemistry in 1945. She was an officer in the Zeta Alpha Sorority, a cheerleader, president of Enonian Literary Society, and was a member of Cardinal Key Klub, Palladian Breakfast Club and the Footlights, Doctor's and Latin Clubs.

Lufkin received a BS degree from the University of Pennsylvania, where he was a member of Theta Xi fraternity. He has served three years in the armed forces, receiving ASTP training at Kansas State University and later was stationed in Oak Ridge as a member of the Special Engineer Detachment, Army Engineers. He is now with the Radio Corporation of America in Camden, N. J., as electrical engineer.

The wedding will take place at the Chapel-On-The-Hill at 6 p.m. April 14.

Four births were reported to Y-12 families at the Oak Ridge Hospital last week. Parents were Mr. and Mrs. Billy Jo McNeely, a son and Mr. and Mrs. Bertrand S. Benedict, a son, Feb. 26; Mr. and Mrs. A. H. Riggs, a daughter, Feb. 28; Mr. and Mrs. Clyde Everett Dalton, a son, March 2.

Calm self-confidence is as far from conceit as the desire to earn a decent living is remote from greed.

Stop, look—and lessen accidents.



THE LIONS ROARED AND SO DID THE AUDIENCES at the recent minstrel show presented by the Oak Ridge Lions Club. The aggregation of woodpile residents at the left are all from Y-12 and from the left are C. P. Keim, R. L. Knight, Bill Bonham, H. E. Buckminster and Elmer Olson, end men performers in the shows.

Strictly Confidential..

Happenings in Dept. B12H . . . Billy Ferrell returned Monday from a week's vacation spent with her parents in Woodberry, Tenn. . . . Mary Gillham spent her last five-day break with her mother in Clifton, Tenn. . . . Blanche Brookshire visited her parents in Vono, Tenn., recently . . . Thelma Bradshaw spent a recent weekend in Washington, D. C., with her sister and brother-in-law, Mr. and Mrs. Charlie Greason. Mr. Greason, a former Y-12 employee, is now working with the Seven Up Co. in Washington . . . Nada Boles spent a weekend with her parents in Albany, Ky. . . . Group No. 4 wishes a speedy recovery to Cathryn Lynn, a former Y-12 employee, who is ill in the Oak Ridge Hospital . . . W. P. Jones spent a recent weekend at his home in Sweetwater, Tenn. . . . Virginia Swanner spent a recent weekend looking over her farm in Athens, Ala. To Virginia this farm is sort of a hobby, a very healthy hobby, she admits.

Polly Craws, Earline Elder, Dept. M12P and Ethel Bow, Dept. M13P, have returned from a recent vacation which they spent together in New Orleans, La. . . . Corine Hill, Dept. M12P, returned Monday after spending a week's vacation in Miami Beach, Fla. . . . Margaret Carter has returned to work after a vacation in Tampa, Fla. . . . Bill Wright, Dept. M13P, is vacationing in Oak Ridge this week becoming acquainted with his new son.

Betty Cole, Dept. B12L, is vacationing at her home in Jackson, Tenn., this week.

Mary Lee Epting, Dept. A16N, Emily Lord, Dept. H12D, Nancy Garrison, Dept. B13C, and Jo Goodson, Dept. H12L, were in the little party that dropped in on Mary Ellen Barker in Kingsport, Tenn., recently. Mary Ellen, a former Y-12 employee, now is employed with Tennessee Eastman Corp. at Kingsport.

Dept. A12R extends sympathy to Willie Braden whose mother-in-law died in Oliver Springs Feb. 28.

Jane Uffelman, Supervisor of Central Reports and Information Officer, and her husband, Fred, Material Controls Supervisor in Dept. B13C have returned from a trip to North Miami Beach, Fla. The Uffelmans motored down recently and really soaked up that "Ol' Sunshine" while there . . . Jean Emge, of Issuing Office, and several friends attended the showing of the operetta Sweethearts in Knoxville last Thursday night . . . Judy Ward, of Reports Office, is vacationing in Oak Ridge this week . . . Ruth Law, of Issuing Section, attended the basketball tournament at Lake City recently and came back with a good case of laryngitis . . . Dept. A12P welcomes Helen Brown, into the department . . . Bettye Pope spent a recent weekend in Chattanooga visiting relatives . . . Congratulations to Joyce Merry for having become a grandmother March 1. The mother, Mrs. Robert Bailey, of Whittier, Calif., is the former Bobbye Jo Merry.

All friends of Emil C. Sienknecht, Dept. A12W, extends sympathy to him over the unexpected death of his father, C. A. Sienknecht, in a Knoxville hospital early Thursday morning. The elder Sienknecht went from his home, 2340 Ocoee Trail, to the hospital Wednesday night, apparently not seriously ill but succumbed to a heart attack a few hours later . . . Idana Devinish is back at work after a short illness.

Dept. A12N extends sympathy to Ann Prestin, whose father died recently.

B. P. Hogood, Dept. A15N, and wife visited his parents in Burlington, N. C. recently . . . W. E. Johnson and family visited in Kingsport and Bristol, Tenn., over his long break . . . Visitors of C. L. Taylor over his long weekend break were Mr. and Mrs. Ted Dinkle of Huntington, W. Va.

Employees of Dept. A19N welcomes Pauline White into the department.

Bruce Eisenhower, Dept. A17N, is vacationing in Greeneville, Tenn. where his wife is ill. The department wishes her a quick recovery.

Dept. B12A welcomes Reatha Luce back to work after an extended illness.

R. D. Williams, Dept. H12D, is vacationing with friends in Chattanooga this week . . . Claude Haws went fishing with some friends recently at Cherokee Lake. "The fish weren't biting," Haws reports, "but we had fun regardless . . . Lewis Twichell played the trumpet in the band at a dance given in Oliver Springs at the opening night of the American Legion home.

Dept. B12A is happy to hear Ava Jackson "Jackie" is recovering rapidly from an operation.

Paul Braden returned Monday from a week's vacation in Cincinnati, Ohio . . . Tennyson Berry, janitor in Dept. B12C, decided to get plenty of exercise and sunshine during his vacation this week by tending his farm in Strawberry Plains, Tenn.

Dept. H12L extends sympathy to Fred Kappelman whose father died recently in Lynchburg, N. Y. . . . King Spainhour had Mr. and Mrs. Kenerly, of North Wilkesboro, N. C., as guests recently . . . E. S. Hundly motored to Lookout Mountain recently.

Ethel Murphy, of Nashville, spent a recent week with her sister, Evelyn Murphy, Dept. B12C . . . Billy Boyd visited friends and relatives in Morristown last weekend.

Dept. A13S sends get well wishes to T. D. Doyle, who is ill.

Delores Browder, Dept. A12L, and her husband, Frank, spent a recent weekend in Madisonville, Tenn.

O. F. Wright, Dept. A12G, is vacationing in Rockwood, Tenn., this week . . . Sympathy is extended to T. N. Morrow, whose brother-in-law, Virgil R. Johnson, died February 20, in Harriman Tenn.



STEPPING INTO THE FIRST CLASS SCOUT RANK in Oak Ridge Boy Scout Troop No. 229 is young Ralph Alspaugh, son of U. L. Alspaugh, a foreman in Dept. A14N, at Y-12. Pinning on the badge which represents Ralph's promotion to first class rank is Donald R. Arms, an electrician in Dept. A14N, scoutmaster of Troop No. 229. The award was made recently at a Boy Scout "Court of Honor" held at the Jefferson Junior High School old gymnasium. The troop is sponsored by the Oak Ridge Lions Club and meets at 7 o'clock each Wednesday night in the scout hut in the rear of the Cedar Hill School.

Additions To Y-12 Technical Library

QC 263—American Institute of Physics, "Temperature — Its Measurement and Control in Science and Industry." N.Y., Reinhold Publishing Corporation, 1941. 1362 pages.

QC 670—Born, Max, "Optik." Michigan, J. W. Edwards, 1943. 591 pages.

Chemistry

QD 5-Ref.—Thorpe and Whiteley, "Thorpe's Dictionary of Applied Chemistry," Vol. I. London, Longmans, Green and Co., 1937. 703 pages.

QD 5-Ref.—Thorpe and Whiteley, "Thorpe's Dictionary of Applied Chemistry," Vol. IV. London, Longmans, Green and Co., 1940. 603 pages.

TK 6553—"Watson, W. H., "Wave Guide Transmission and Antenna Systems." Oxford, Clarendon Press, 1947. 207 pages.

TN 695—Kieffer and Hotop, "Pulvermetallurgie und Sinterwerkstoffe." Michigan, J. W. Edwards, 1944. 403 pages.

TP 986-Ref.—Plastics Catalogue Corporation, "Modern Plastics Encyclopedia," Vol. I, II, and III. N. Y., Plastics Catalogue Corp., 1947. 782 pages.

Miscellaneous

Ref. — Worden, Edward C., "Chemical Patents Index," Vol. I through Vol. V, 1915-1924. N. Y., Chemical Catalog Co.



Y-12 Photos By Vince Moore

In the picture Elmer is operating on Bill's bunions, acquired during the latter's "Lasses White Shuffle" dance. At the right the end men and Interlocutor Harry Carper, who doubles as president of the Lions Club, admire the obviously lovely Mary Lowe, a K-25 cousin, who took a part in the second half of the production.

All Employees Aid In Security Program

(Continued from Page 1)

entitles personnel to disclose the fact of their connection with the project, it does not entitle them to reveal the detailed nature of their activities. Official public statements and releases comprise permissible limits of disclosure of information. No direct releases of information concerning activities of the project shall be made.

Must Clear Through Channels

Independent publications, addresses, or advertisements on the part of individuals or groups cannot be released except through proper channels. The making, without specific authorization, of abstracts, notes, photographs, sketches, or other copies of classified matter, models or work or any part thereof by any personnel employed on the project for personal files or records, is strictly forbidden.

Any employee desiring information on any phase of the Y-12 security program may obtain it from the Security Office, North Portal, telephone 7125.

Wives Of Several Y-12 Men Aid In Jaycette Thrift Shop

(Continued from Page 1)

calls for donations of clothing, then in the sorting of garments at the shop and finally in the sales work.

Mrs. Barton has reported that response to the Jaycette appeal for used clothing has been gratifying to the club, but that the demand for some items still exceeds the supply. This is particularly true in the case of children's clothing, especially dresses, coats and shoes for young girls.

Hours Of Operation Given

Donations will be received at the shop during its regular hours from 9 a. m. to 12:30 p. m. Tuesdays, Thursdays and Saturdays and from 1 p. m. to 4 p. m. Wednesdays and Fridays. Pick-up service at residences may be obtained by telephoning Mrs. Kenneth Frame, 5-3065 or Mrs. Ralph E. Green, 5-6485. Mrs. Everett Buster is chairman of the pick-up committee.

Many of the garments received by the Thrift Shop so far have been of such quality that the "used" designation would be hard to determine. On the other hand, some articles have required sewing or cleaning to put them into condition for sale. In one instance a brand new silk dress found its way onto the racks of the shop.

Prices Set Low As Possible

Price setting sometimes proves difficult for the Jaycettes in charge of the shop, but every effort is made to make the cost to the customer as low as possible. As an example, the brand new dress mentioned in the previous paragraph was priced at \$2 while some highly servicable white shirts of a standard brand that had their collars turned went for 25c each.

In distributing and selling the used clothing Jaycette members work closely with welfare agencies of Oak Ridge so that the services of the Thrift Shop will not be abused.

'Really Good' Cider Used To Quell Fire

It had to be done—no matter what the waste.

When a fire broke out in a gasoline engine used to pump water in Cortland, N. Y., recently, news dispatches report, Farmer Frank Harris grabbed for the nearest nearby liquid. It was 70 gallons of cider.

"I hated to do it but I didn't want to lose my house," Harris explained. "That cider was really good, too."

OLDER 'SITTERS' WANTED

On the grounds that 'teen-age baby sitters are too prone to raid iceboxes, stage jitterbug contests or burn holes in furniture, a Detroit agency now is enrolling middle-aged women for the work.

New Synthetic Textile Fibres Being Produced In Carbide's South Charleston Yarn Building

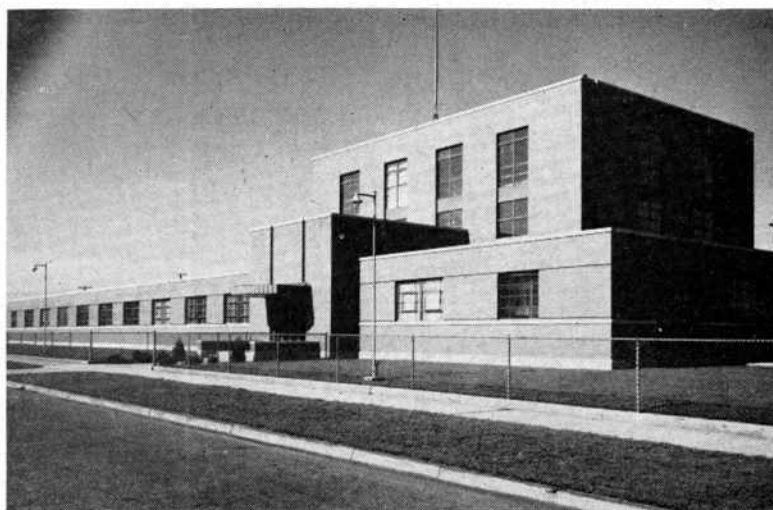
A completely new variety of synthetic textile fibres called "Vinyon" yarns now are being produced in a new building at South Charleston, W. Va., by the Carbide and Carbon Chemicals Corp.

The "Vinyon" yarn is non-flammable, moth proof, wear resistant, will not mildew and yet is as soft as silk. Unlike other synthetic fibres, this new yarn feels warm to the touch and is said to be as strong and resilient as silk.

Produced primarily from natural gas, the present output of the "Vinyon" yarn still is limited to pilot plant quantities.

The principal work to be carried out in the new yarn development building at South Charleston is to demonstrate for companies in the textile field the processes for the use and the spinning of the new yarn. It is expected that rayon-producing companies and others will undertake the manufacture of the new "Vinyon" yarn since it can be produced on acetate rayon equipment with some changes and additional equipment.

Materials made from the new "Vinyon" yarn is resistant to most chemicals and is not affected by perspiration. The materials can be boiled in water with little shrinkage and can be dry cleaned



PICTURED ABOVE IS THE NEW YARN DEVELOPMENT building of Carbide and Carbon Chemicals Corp. in South Charleston, W. Va., in which the new yarn "Vinyon" is being produced.

without ill effects.

Possibilities now are being explored for the manufacture of such items as dress goods, upholstery, fabrics, sports and work clothing, carpets and draperies.

The new yarn development building is modern in every respect. It has a brick exterior and tile interior, is air conditioned and

has fluorescent lighting. In addition to its yarn-making equipment, the structure houses laboratories, a machine shop and offices. An interesting feature is the office flooring made of resilient tile of "Vinylite" plastics, also produced by Carbide and Carbon at the South Charleston plant.

Y-12 Athletes Take Close Win At Kingsport

A successful sports invasion of Kingsport was accomplished on the February 28 safari when the Y-12 varsity basketball and bowling teams took a three-to-one decision over the Tennessee Eastman Corp. squads.

It was a one-point victory in the women's basketball game that tipped the scales in favor of Carbide and Carbon and gave our girl cagers a 29-28 victory over the Kingsport lassies after T. E. C. had led, 16 to 15, at halftime. Helen Brown and Margaret Baker paced the Y-12ers with five field goals to their respective credits. A fellow named Smith personally accounted for 20 points and his Tennessee Eastman team walloped Tiller's Toilers to the tune of 51 to 38. Sparks sparked for Y-12 with five from the field, followed by Clevenger and Cottrell with four each.

Bowling competition between Y-12 and T. E. C. teams were plenty hot and our men barely nosed out their Kingsport opponents on a three-game total score of 2,480 to 2,473. Front man for the Y-12 squad was Nick ZaBenco, who put together games of 171, 208 and 188 for highest individual score of 567. Our girl keggers chalked up a three-game aggregate of 2,137 to 2,086 for the Kingsport lassies.

Playhouse Sets Next Production

The Community Playhouse has selected "The Man Who Came to Dinner" as its next production and tryouts for the play will be held tomorrow night, Thursday and Friday nights at the Gamble Valley drama workshop starting at 7:30 o'clock. The production will be staged at the high school auditorium April 15, at 8:15 p. m., and will be directed by Robert Teddor, a professional.

PILGRIMS PROGRESS

A recent news dispatch from Plymouth, Mass., reports a policeman of that city dashing into the historic Unitarian church when he heard the carillon pealing out the "St. Louis Blues." The church organist got a year's probation on charges of being intoxicated.

An hour of pain is longer than a day of pleasure—have fun but be careful.

Winning Streak Of Y-12 Pocket Billiardists Snapped

Capt. "Red" Wiest's varsity cue-men, after tacking up a long string of match victories in the City Pocket Billiard League, had an off night last weekend and dropped a three out of five match to the AIT Busmen. However, the Y-12ers are assured of third place in the final second half standings regardless of a win or loss in the finale against the Oak Ridge Lab boys.

The AIT-Y-12 match was a close one as the following scores indicate (first named player is Y-12er): Les Cook 75, Moore 42; Bill Walker 71, Smith 75; Wiest 65, Soard 75; Howard Burnett 75, Randall 44; E. B. Galloway 45, Linville 75. K-25 and the Cue-Cushion outfit tied up, 33 won and 12 lost, played each other last night for the second half title. A win for K-25 would mean a play-off for the season's championship as the Cue-Cushion boys won the first half.

League standing follows:

Team	W	L	Team	W	L
K-25	33	12	AIT	19	26
Cue Cushion	33	12	Jeffs	12	33
Y-12	27	18	O. R. Lab	10	30

Association Plans Fishing Rodeo

The fishing group of the Oak Ridge Sportmen's Association will meet at the clubhouse Thursday night to organize and plan the 1948 season which will feature a fishing rodeo, it has been announced by Evan Means, Dept. A14N, and chairman of the organization's casting events committee. Extensive improvements will be made on the casting pond located on the club grounds. Means said that B. L. Brown was elected new president of the association at an election of officers meeting held last week.

MORE ROOMS WANTED

Any Y-12 resident of Oak Ridge who will volunteer to house visiting high school students who will attend the state band festival here April 29 and 30 is asked to communicate with T. J. Haycock, Mrs. Pat Hamrick or Mrs. L. Z. Dolan or the Oak Ridge High School office.

FREE SITTERS PROVIDED

For married students of Ohio State University whose budgets won't allow fees for baby sitters, the American Red Cross unit of the college has established a free baby sitting service, recent news dispatches have revealed.

Prof: "Who was Talleyrand?"
Frosh: "A fan dancer—and cut out the baby-talk."

AEC Nine Seems To Set City Loop At Eight Ctubs

An Oak Ridge City Baseball League for 1948 of eight amateur teams seems definitely assured with the announcement late last week by Capt. William T. Shelton of the Atomic Energy Commission Patrol that his organization would field a team. According to Captain Shelton, the entire membership of the patrol voiced its support of a team and that so far 40 men had reported ready to tryout for the squad.

All members of the patrol are veterans of World War II and all those reporting for baseball have had experience on GI nines and some have played minor league ball. Robert Hull, a pitcher, was at one time the property of the St. Louis Cardinals; John Brown, an infielder, played in the Appalachian League; and H. H. Bullock caught in the old Appalachian League.

The other seven teams already lined up are Y-12, Oak Ridge Lab, K-25, Roane-Anderson, Community Stores, American Legion and the Veterans of Foreign Wars. Arnold Tiller, Y-12 Recreation Supervisor reports that baseball uniforms have been ordered for the team and sounds a call for baseball players to report their intentions to try out for the Y-12 varsity squad.

Bergen Stoops To McCarthy Trick

Edgar Bergen is quickly learning the sly methods of his stooge, Charlie McCarthy, according to a news dispatch from Albany, Ga., where the ventriloquist spent a recent hunting trip.

Bergen and a group of turkey hunters spied their quarry and Bergen and one of the others fired simultaneously. The men rushed to the turkey.

"Who killed you, turkey?" said one of them.

"Why you did Bergen."

That settled the matter.

LIVES LONGER NOW

The Metropolitan Life Insurance Co. has announced that the life expectancy in the United States industrial population reached an all-time high of 66 1/2 years in 1947. This is a gain of about one year over the 1946 figures and about 20 years since 1911-1912.

Observance of all plant security regulations is the outstanding duty of every employee.

Danger In Acetone Use In Cleaning Described

A recent explosion at a Newark, N.J., plant was attributed to the igniting of acetone vapors from a spark of uncertain origin and resulted in the death of two men and the injury of 10 others. This accident brings a warning from the Y-12 Safety and Fire Departments that several accidents have occurred in the plant from the use of acetone as a cleaning solvent.

One of these accidents resulted in a fire and serious injury to a Y-12 employee who disregarded Safety and Fire Department instructions against use of acetone as a solvent.

Other Liquids Cause Accidents

Other accidents have occurred in Y-12 from the improper use of acetone, gasoline and other highly flammable liquids, including benzol, carbon disulphide and ethyl ether. All of these mishaps could have been prevented if the employees concerned had used the proper type of cleaning solvent. All of these liquids have a low flashpoint, which means they emit vapors that may ignite from a spark or flame with possible serious consequences.

The Safety Department report on one accident involving improper use of acetone says:

Orders Are Disregarded

"An employee was cleaning equipment in one of the standby buildings. Varsol has been prescribed for the job, but the employee claimed there was a considerable amount of grease on the equipment and that varsol would not remove it. The employee obtained some acetone that had been provided for use in painting and attempted to use the acetone as a cleaning solvent. He poured a small amount of acetone into an open bucket and used dipped rags for the cleaning. An explosion occurred, setting fire to the acetone in the bucket and also to the employee's clothing. He ran from the equipment, upsetting the bucket. A fellow worker was using a water stream from a hose nearby and turned the stream on the man on fire, extinguishing the burning clothes but not before the accident victim suffered burns on the face, arms and legs that cost him several days work.

"The injured employee claimed that the explosion was caused when an electric bulb he was using as a drop light on an extension cord exploded and ignited the acetone vapor. However, this fact is not too important because the principal fact in the incident is that the accident was caused by the use of acetone in direct violation of departmental orders."

Gasoline Burns Are Fatal

In reporting on another improper use of flammable liquids as a cleaning solvent in Y-12, the Safety Department reports:

"Another employee was fatally burned when he attempted to use gasoline as a cleaning solvent here in Y-12. The employee was seriously burned when the gasoline exploded and ignited his clothing. He ran and had to be overtaken by a fellow employee before the fire could be extinguished. The victim died about 30 days later."

As a result of these mishaps, all Y-12 employees are cautioned to only use approved cleaning solvents, approved by the Safety and Fire Departments, when such liquids are required either on the job or at home. If in doubt as to the safety of the cleaning solvent, look for the approval of the National Board of Fire Underwriters before using.

Hospital List

The following Y-12 employees were patients in the Oak Ridge Hospital last week: Sara Virginia Swanner, Dept. M13B; Edward R. Crass, Dept. B12H; Hazel D. Price, Dept. B13L; William O. Thompson, Dept. A16N; William H. Beech, Jr., Dept. A16N; Clarence E. Harris, Dept. B12H.

Kitty: "Give me a good definition for courtesy."

Katie: "That's when you make a guy feel at home when you wish he were."

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11 Straight Strikes After Spare Gives Cobble Bowling Score Of 290 To Tie Oak Ridge Record

These Y-12 maple maulers really are going to town to keep the score keepers and fans busy.



Ernie Cobble

Week before last Y-12 varsity bowler Roy Robert had the spotlight. Last week it was teammate Ernie Cobble's turn and he made the most of it by tying an Oak Ridge all-time record of pin toppling.

day night Cobble went over to the Grove Alleys for a little pre-tournament workout along with three friends, Mr. and Mrs. Robert Wacker, of X-10, and "Red" Book, of K-25. On the first roll Ernie got nine pins and followed with a spare on the second ball; then blazed through for 11 straight strikes. The score added to a 290 and tied the Oak Ridge record for a single game set by Gene Shields,

of X-10, in 1946. Both Cobble's and Shields' scores were made in open bowling.

Cobble right now leads the Plant Bowling League on his per game average of 175 as a member of the Bottom Busters. His average of 173 as a member of the Y-12 varsity team in the City Industrial League places him third and behind Roberts whose 175 average is at present tops for the loop.

S P O R T S

Varsity Cagers Play In Two Tourneys

Both the red-clad Y-12 varsity basketball teams will see action this week at Knoxville in the Tri-State tournament. Tiller's quint will meet the Tazewell W. O. W. team tomorrow night at 6 p.m., in the Young High School gymnasium. Coach Bill Davis' lassies, just returned from participation in the A. A. U. cage tourney at Nashville, will play its second game in the Tri-State affair when they tangle with the winner of the Bush Brothers - Pepsi-Cola game at 8 o'clock Friday night in the Knoxville High School gymnasium.

First game for the Y12 girls in the Tri-State was played last Tuesday night and resulted in a breeze for Coach Davis' sextet by a score of 36 to 16 over the Luttrell, Tenn. girls.

The Tiller Toiler's game with the Tazewell outfit is a re-scheduled match which had been arranged to allow the Y-12 boys to continue play in the single elimination tournament being conducted in Oak Ridge by the City Recreation Department. This tournament is being staged to determine a second half winner in the Recreation Basketball League. Tiller's men, first half champs, already have one win in this tourney, a 38 to 23 victory over the Community Stores. Last night, the Y-12ers, met the winner of the Clinton Lab-Celtic B game. Barring an upset, Thursday night's finale should find the Carbide cousins again opposing each other as Y-12 and K-25 fought a playoff battle to determine the first half titlists.

Strikers Hold D Loop Lead; Bill Tunnell Tops Scorers

The Strikers were able to salvage only one point in their battle with the Overheads last Tuesday night, but clung to the "D" Area Bowling League leadership. A jump from fourth to second place was engineered by the Termites who swept their match with the Wood Choppers.

Bill Tunnell of the Termites put together games of 147, 213 and 212 for highest scratch series of 572. Tunnell's 662 also topped all handicap series scoring. Other good scores were G. Williams, Splinters, a 521 scratch series; Jim Schmitt, Old Men, a 202 game and a 544 scratch series; Frank Gordon, Calutrons, a 212 scratch game; H. D. Duncan, Scotties, a 202, and Nelson Tibbatts, Scotties, a 504 scratch series.

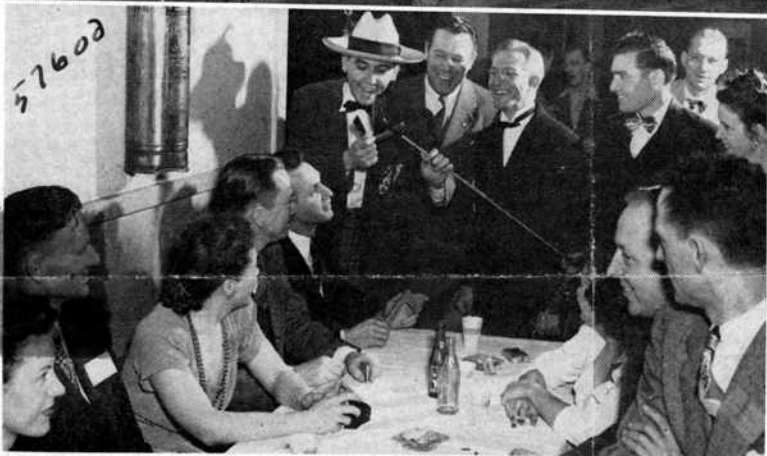
Tonight's "D" Area schedule matches the Old Men vs. the Scotties, Wood Choppers vs. Overheads and Strikers vs. Termites.

League standing follows:

Team	W	L	Team	W	L
Strikers	24	12	Scotties	18	18
Termites	21	15	Overheads	16	20
W. Choppers	18	18	Splinters	16	20
Calutrons	18	18	Old Men	13	23

POOR LITTLE RHODE ISLAND

For the first time in 310 years, "heretics" from Rhode Island now may cross the border into Massachusetts without being liable to execution from hanging. News dispatches have told of the repeal by Massachusetts of a law passed in 1638, banning visits from residents of its neighboring state.



IN THE TOP PICTURE **Y-12 Photos By Vince Moore**
CLUB professional Ballard Beasley demonstrates how to get those 250-300 yard drives at the first annual dance of the club held at Grove Hall February 20. In the picture below all are Y-12 people except the comedian, Joe Canaday, of Knoxville, and Don Riley, of K-25, and program chairman for the event. Left to right are Mrs. W. S. Morgan, wife of Bill Morgan of Y-12 who was not in the group when the picture was taken; George Mitchel, Mrs. W. D. Lavers, C. S. Harrill, W. D. Lavers, Canaday, Jack Case, Riley, Ballard Beasley, Joe Gordon, Mrs. George Mitchel, Mrs. C. S. Harrill, H. D. Duncan and Gentry Underwood.

Golf Club To Meet March 17; Expansion Of Course Planned

A general meeting of the Oak Ridge Golf and Country Club will be held at 8 p. m. Wednesday, March 17, in the West Lounge of Ridge Recreation Hall, it has been announced by W. D. Lavers, of Y-12, president of the club.

At this meeting the membership will hear a report on progress made by the club during the past several months, including the recent incorporation. Plans for continuing work on the golf course also will be discussed.

Installation of electric and water service at the course now is being negotiated as is the obtaining of grass seed and fertilizer for use on the greens and fairways.

The club is planning construction of a second nine holes for the course, which, when completed will provide a yardage of 6,400 for Oak Ridge golfers, Lavers said. When the second nine holes are finished, the course is expected to accommodate all persons in the city who wish to play golf.

The club now has a membership of 225, but plans to expand to more than 300 when the additional facilities are completed.

Y-12 Man Named Manager Of American Legion Quint

Hugh Rice, of the Y-12 time keeping department, has been named manager of one of the two basketball teams representing Atomic City Post No. 199, American Legion, and has his team entered in the American Legion cage tourney at Oliver Springs. Initial game for the Rice-managed quint will be with the Atomic Energy Commission five from Oak Ridge and will be played Friday night, starting at 7:45 o'clock. The Oliver Springs tournament has 33 entries of independent teams.

Rice's American Legion team boasts of a 25-21 win over the Oliver Springs Legion quintet. A second Atomic City Post team is entered in the A Class of the Tri-State basketball tournament at Knoxville and plays its first game tomorrow night against the Kentucky Caps from Calhoun, Ky.

Rough Housers Find Tourney Going Rough

The upper bracket finals of the Plant Basketball double elimination tournament proved too rough a spot for the hitherto undefeated Rough House Five and the team lost a bitter struggle to Capt. Ray Ledford's Guards on a tight score of 28 to 30 at Scarboro gymnasium last Wednesday night.

Drop To Lower Bracket

The loss dropped Capt. Jack Thomson's quintet to the lower bracket along with the Old Men where the two battled last Thursday night for another crack at the Guards the next night.

The Rough Housers won over the elderly gents by the score of 27 to 19.

No closer game than the Guards-Rough House Five fracas was ever played in Oak Ridge as the lead changed five times and neither team had more than a three-point advantage at anytime. A large crowd of partisan Y-12 fans sat right on the edges of their seats and cheered madly throughout the contest. Paul Clevenger led the Guards with three field goals and three points from the foul line, while Rambling Ramsey paced the losers with four from the field.

Kilroy Wasn't There

In the second encounter last Wednesday night the Kilroys were never there at the right time when it came to hitting the net. It was 13 minutes before the Kilroys scored a point against the Old Men, who defeated them 14 to 7. The Old Men worked their way to the lower bracket finals by defeating the Bottlenecks 28 to 19 after having been dumped from the top bracket by the Rough House Five. The Guards marched through the upper bracket with a 46-17 win over the Bottlenecks, and a 42-32 victory over the Kilroys.

Feminine Bowlers Rebound To Rumble Roane-Anderson

Rebounding from the February 26 fiasco against the low positioned Grove Merchanteers, Y-12's varsity kegling lassies showed plenty of championship class in making a clean sweep of last Thursday night's series against the third place Roane-Anderson gals. Paced by Lora Tucker's record high for the season of a 551 series, Y-12 won from the R-As on game scores of 719 to 666, 706 to 647, and 760 to 675.

Individual scoring by the Y-12 were Dot Roberts 149, 110 and 190; Ann Hart 167, 141 and 127; Margaret Solomon 115, 133 and 154; Daisy Brogan 114, 128 and 106; and Lora Tucker's record marks of 174, 194, and 183. Y-12 trails the loop leading Oak Ridge Lab girls by two games and can take up some slack this Thursday at the Grove against the Morat Jewellers if they can repeat last week's outstanding performance in the Women's City Bowling League.

League standing follows:

Team	W	L	Team	W	L
O. R. Lab	43	20	Jeffs	33	30
Y-12	41	22	K-25	29	34
R-A	35	28	Ford Motors	28	34
Fairchild	34	29	G. M'chnts	26	37
Morats	34	29	P.V. M'chnts	22	41
Dodgers	34	29	CS Laundry	19	44

Varsity Bowlers Maintain Lead In City Loop

A three-game win over the Nepas of Fairchild maintained Y-12 on top the City Industrial Bowling League and a game in front of the second place Atomic Energy Commission keggers who also took a trio in their last Tuesday match with the Skidmores. Capt. Sky Barker's boys won on game scores of 890 to 791, 837 to 737 and 838 to 805.

Time and place of the remaining matches on the loop's schedule have been changed and the rest of the rolling will be on the Midtown Alleys Friday nights starting at 7 o'clock. Next Friday night's matches may well decide the loop championship as Y-12 jousts the third place K-25ers while the second spot AEC boys are taking on the fourth Roane-Anderson aggregation.

Individual scores rolled by our men were Cobble 182, 183 and 180; Zabeuco 200, 198 and 204; B. Whitaker 163, 134 and 168; Barker 172, 172 and 141; and Roberts 173, 150 and 145.

League standing follows:

Team	W	L	Team	W	L
Y-12	49	23	R-A	42	30
AEC	48	24	Fairchild	19	53
K-24	45	27	Skidmore	13	59

Bottom Busters And Comets Tied For Plant Loop Lead

Only the Bottom Busters rode out the storm of upsets at the Grove Alley last Thursday night, and, winning three points from the One-91 boys, brought their Plant Bowling League leadership to seven wins against one loss. However, sharing the top spot are the Comets who clean-swept their match with the Knot Holers.

Scratch games of 500 or more abounded and the following bowlers broke past the mark for three-games series: Roy Roberts, Comets, 622; Rudy Pletz, same team, 569; Cobble Bottom Busters, 532; Beckett, Bums, 524; Case, Wolves, 520; Gragg, Wolves, 516; Al Groppe, Rippers, 514; Holzknecht, Rippers, 513; and Burns, Chemicals 501.

High team single game scratch went to the Comets with an 880, and they also had high handicap score of 1,031. Second high handicap was rolled by the One-91 boys with a mark of 1,029.

League standing follows:

Team	W	L	Team	W	L
B. Busters	7	1	L' Jacks	4	4
Comets	7	1	Rippers	3	5
Big Uns	6	2	Wolves	3	5
W. Butchers	5	3	Bldg. 9212	3	5
Chemicals	5	3	One-91	1	7
Bums	4	4	K. Holers	0	8

TRIES TO DO GOOD

A recent news dispatch from Elkhart, Ind., reports that Police Matron Bessie Kellogg retired from the Elkhart police department after 30 years of service in which she didn't make a single arrest. "I have spent my time trying to accomplish good rather than to catch criminals," she said.

"Is your wife as pretty as she used to be?"
"Yes, but it takes longer."

**More Sport News
On Page Three**